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Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS ONE CAPITOL HILL PROVIDENCE RI 02908

BUYER: Mosca, Gary PHONE #: 401-574-8124

RIC-PURCHASING 600 MOUNT PLEASANT AVENUE

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PROVIDENCE, RI 02908

O Requistion Number: 1390647

CREATION DATE: 16-OCT-14 BID NUMBER: 7549077

TITLE: WATER TREATMENT CHEMICALS - RHODE

ISLAND COLLEGE

BLANKET START: 01-DEC-14 **BLANKET END**: 30-NOV-17

BID CLOSING DATE AND TIME: 10-NOV-2014 10:00:00

H RIC SPECIAL INSTRUCTIONS SEE BELOW

P SEE BELOW, RI N/A
- US

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Note to Bidders: Questions concerning this solicitation may be emailed to doa.purquestions3@purchasing.ri.gov no later than 10/28/14 @ 3:00 PM (ET). Questions should be submitted in a Microsoft word attachment. Please reference the RFQ # on all correspondence. Questions received if any, will be posted on the internet as an addendum to this solicitation. It is the responsibility of all interested parties to download this information.

Line	Description	Quantity	Unit	Unit Price	Total
I	WATER TREATMENT CHEMICALS - RHODE ISLAND COLLEGE - BLANKET PERIOD 12/1/14 - 11/30/17 - AS PER ATTACHED SPECIFICATIONS	1.00	Each		
	Complete line item unit pricing on attached spread sheet labeled ATTACHMENT-A.				

Delivery:	
Terms of Payment:	

WATER TREATMENT CHECMICALS BID SPECIFICATIONS RHODE ISLAND COLLEGE 12/1/14 – 11/30/17

The services of a water treatment company will be engaged to provide all chemicals, testing reagents, and labor as specified for protecting the boiler and HVAC systems from corrosion, scale build-up, particulate fouling, algae, bacteria and slime growth. The objective of the program is to extend the useful life of all treated and ancillary systems; reduce equipment failures, associated repairs, and down-time; conserve energy; and provide a safe working environment. The bidder will provide a comprehensive proposal with the bid detailing how their programs will meet these objectives.

The water treatment company will provide a minimum of monthly visits to the college to test the water in all treated and ancillary water systems, making adjustments, advising staff of appropriate actions for improvement, and maintaining all chemical feed and monitoring equipment. Written reports will be left on-site that day and distributed for review by all interested RHODE ISLAND COLLEGE personnel. Minimum requirements include:

- Regularly scheduled monthly service visits by a service representative with at least 3 years of water treatment experience treating systems similar to those at RHODE ISLAND COLLEGE. This is in addition to visits for special services, emergency water/equipment problems, or system start-ups/shutdowns. The representative will be available 365 days per year and will respond to RHODE ISLAND COLLEGE requests for assistance within 4 hours. The successful vendor will provide RHODE ISLAND COLLEGE with a 24/7 means of communication directly to the representative.
- On each service visit, the representative will supply all RHODE ISLAND COLLEGE interested parties a Service Report, which will be custom designed to meet the needs of RHODE ISLAND COLLEGE. The report will summarize all of the testing which has been completed that day, highlighting results, offering suggestions for improvement, and adjustments to current operating practices. The report will include computer generated graphics which depict a rolling 12-month history of all applicable tests and results. A sample of the Service Report and graphs which will be used at RHODE ISLAND COLLEGE must be included with the bid. Failure to submit Service Report and graphs may deem bid non-responsive.
- Testing will be conducted at no additional cost to measure the individual components of all treatment products, as well as monitoring for results in terms of corrosion, scaling, fouling, and microbiological control. A mineral balance of the constituents in the makeup, feedwater, and system water will be established each month. The Proposal will outline what tests will be conducted as part of the regular service program being proposed for RHODE ISLAND COLLEGE and how they support the goals and objectives of RHODE ISLAND COLLEGE. Minimum requirements include:

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Cooling Water Treatment Reports:

Makeup analysis (carbonate alkalinity, bicarbonate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, iron, copper).

Cooling tower analysis (carbonate alkalinity, bicarbonate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, iron ,copper, complexed copper, mild steel corrosion inhibitor, copper corrosion inhibitor, polymeric dispersant, sequestrant, soluble phosphate, insoluble phosphate, complexed phosphate, non-oxidizing biocide, ATP same day bacteria, 3-day aerobic bacteria dip slide, anaerobic bacteria test, biocide depletion curves, system holding index, Ryznar stability index, mineral balance of scaling indicators, mineral balance of corrosion indicators, phosphate deposit index),

Performance Indicators (chiller efficiency, heat loading, fouling factor).

Closed loop analysis (carbonate alkalinity, bicarbonate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, iron ,copper, complexed copper, mild steel corrosion inhibitor, copper corrosion inhibitor, polymeric dispersant, sequestrant, mineral balance of corrosion indicators, ATP same day bacteria, 3-day aerobic bacteria dip slide, anaerobic bacteria test).

Boiler Water Treatment Reports:

Makeup analysis (carbonate alkalinity, bicarbonate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, iron, copper).

Soft water analysis (carbonate alkalinity, bicarbonate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, iron, copper, resin fouling, resin efficiency, regeneration efficiency).

Feedwater analysis (carbonate alkalinity, bicarbonate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, iron, copper, percentage condensate return, dissolved oxygen).

Condensate analysis (carbonate alkalinity, bicarbonate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, soluble and insoluble iron, soluble and insoluble copper, complexed copper, neutralizing amines). Condensate analysis will be conducted throughout the campus.

Boiler water analysis (carbonate alkalinity, bicarbonate alkalinity, hydrate alkalinity, chloride, calcium hardness, magnesium hardness, silica, sulfate, total suspended solids, total dissolved solids, pH, iron, copper, complexed copper, phosphate, complexed phosphate, sulfite, chelant, polymeric dispersant, sequestrant).

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Performance Indicators: (energy efficiency, BTU Mass Balance, deaerator performance, softener performance).

- Training in the areas of general boiler and cooling water treatment for RHODE ISLAND COLLEGE personnel will be provided as part of the program at no additional cost. A copy of your training program must be included as part of the bid. Specific training for boiler and cooling water testing will also be provided. All required testing reagents and equipment will be supplied to RHODE ISLAND COLLEGE at no additional cost.
- In addition to the boilers, cooling towers, and chilled water systems, tests will be conducted for all ancillary systems for potential contaminants which may affect the water treatment programs and/or the efficient operation of the HVAC systems at RHODE ISLAND COLLEGE. Testing will be conducted on boiler feedwater, condensate returns, softener effluent, and hot water converters. These systems are located in 23 different areas/buildings throughout the campus. This testing will be provided at no additional cost to RHODE ISLAND COLLEGE.
- Boiler feedwater will be monitored for potential contaminants and possible loss of efficiency in terms of oxygen influx to the system and condensate return losses. The water treatment company will assist RHODE ISLAND COLLEGE in determining the source of potential losses by testing sites throughout the campus at no additional cost to RHODE ISLAND COLLEGE. The water treatment company will maintain a monthly record of soluble and insoluble metals found in the feedwater systems and make appropriate recommendations and assist RHODE ISLAND COLLEGE personnel in locating the sources of contaminants at no additional cost to RHODE ISLAND COLLEGE.
- Water softener efficiency will be monitored by conducting elution tests on a semiannual basis and resin analysis on an annual basis. These tests are to be conducted at no additional cost to RHODE ISLAND COLLEGE.
- Vendor will supply RHODE ISLAND COLLEGE computer-based software to track boiler/cooling efficiency, energy savings, water savings, deposit loading on each system, and results of water treatment test results at no additional cost. A copy of this software must accompany the bid.
- The water treatment company will be responsible for maintaining and calibrating the cooling water feed and control systems. A spare parts inventory will be maintained for all equipment. On-site repairs will be made by the water treatment company for basic repairs at no additional cost to RHODE ISLAND COLLEGE. Extensive repairs will be covered by RHODE ISLAND COLLEGE, with the water treatment company providing loaned equipment during the repair process at no additional cost to RHODE ISLAND COLLEGE.
- The water treatment company representative will be present at all shutdowns/opening of boiler, cooling, and ancillary equipment. Laboratory testing of any appropriate water, deposit, or metallurgical components will be provided at no additional cost to RHODE ISLAND COLLEGE.

Water treatment products will be provided for all boilers, cooling towers, chilled water, and ancillary equipment.

- Boiler Water Treatment – Sulfite- 100#/drum
- AAAAAA Boiler Iron Dispersant – 30 gallon drums
- Liquid Caustic 30 gallon drums
- Chelated Dispersant 30 gallon drums
- Liquid phosphate/hardness dispersant/sequestrant 30 gallon drums
- Neutralizing amine blend (2 active amines) 30 gallon drums
- Water softener salt w/rust remover 63 bags/pallet
- Cooling Tower corrosion/deposit inhibitor blend mild steel corrosion inhibitor/copper corrosion inhibitor/polymer/sequestrant – 15 gallon drum
- Glutaraldehyde non-oxidizing biocide 15 gallon drum
- Quaternary ammonium non-oxidizing biocide – 15 gallon drum
- Molybdate based closed system corrosion inhibitor 5 gallon pail

All chemical treatment products will be delivered to RHODE ISLAND COLLEGE directly to the specified building in a lift-gate truck, as no loading dock facilities are available. The cost of delivery will be included in the unit cost of the products proposed. No add-on costs for delivery or special delivery services will be accepted. All chemical products will meet the discharge requirement of the Narragansett Bay Commission and be compatible with those already in the systems. Chemicals will be non-foaming.

The chemical treatment company and/or drum manufacturer will take back empty containers at no cost to RHODE ISLAND COLLEGE.

End

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ATTACHMENT - A *SAMPLE

Rhode Island College - Blanket Period 12/1/14- 11/30/17 Solicitaion No. 7549077

			ESTIMATED	<u>_</u>	TINO
LINE#	PERIOD	WATER TREATMENT CHEMICALS	QUANTITY	UNIT	PRICE
1	12/1/2014 - 11/30/2015	BOILER WATER TREATMENT - SULFITE- 100#DRUM	2	Each	*SAMPLE
2	12/1/2015 - 11/30/2016	BOILER WATER TREATMENT - SULFITE- 100#DRUM	2	Each	*SAMPLE
3	12/1/2016 - 11/30/2017	BOILER WATER TREATMENT - SULFITE- 100#DRUM	2	Each	*SAMPLE
4	12/1/2014 - 11/30/2015		1	Each	*SAMPLE
2	12/1/2015 - 11/30/2016	BOILER IRON DISPERSANT - 30 GALLON DRUM	1	Each	*SAMPLE
9	12/1/2016 - 11/30/2017		1	Each	*SAMPLE
2	12/1/2014 - 11/30/2015	LIQUID CAUSTIC - 30 GALLON DRUM	35	Each	*SAMPLE
8	12/1/2015 - 11/30/2016	LIQUID CAUSTIC - 30 GALLON DRUM	35	Each	*SAMPLE
6	12/1/2016 - 11/30/2017	LIQUID CAUSTIC - 30 GALLON DRUM	32	Each	*SAMPLE
10	12/1/2014 - 11/30/2015	LIQUID PHOSPHATE/HARDNESS DISPERSANT/SEQUESTRANT - 30 GALLON DRUM	8	Each	*SAMPLE
11	12/1/2015 - 11/30/2016	LIQUID PHOSPHATE/HARDNESS DISPERSANT/SEQUESTRANT - 30 GALLON DRUM	8	Each	*SAMPLE
12	12/1/2016 - 11/30/2017	LIQUID PHOSPHATE/HARDNESS DISPERSANT/SEQUESTRANT - 30 GALLON DRUM	8	Each	*SAMPLE
13	12/1/2014 - 11/30/2015	CHELATED DISPERSANT - 30 GALLON DRUM	26	Each	*SAMPLE
14	12/1/2015 - 11/30/2016	CHELATED DISPERSANT - 30 GALLON DRUM	26	Each	*SAMPLE
15	12/1/2016 - 11/30/2017	CHELATED DISPERSANT - 30 GALLON DRUM	26	Each	*SAMPLE
16	12/1/2014 - 11/30/2015	NEUTRALIZING AMINE BLEND - 30 GALLON DRUM	20	Each	*SAMPLE
17	12/1/2015 - 11/30/2016	NEUTRALIZING AMINE BLEND - 30 GALLON DRUM	20	Each	*SAMPLE
18	12/1/2016 - 11/30/2017	NEUTRALIZING AMINE BLEND -30 GALLON DRUM	20	Each	*SAMPLE
19	12/1/2014 - 11/30/2015	,	252	Bags	*SAMPLE
20	12/1/2015 - 11/30/2016	-	252	Bags	*SAMPLE
21	12/1/2016 - 11/30/2017	WATER SOFTENER SALT - 63# BAGS/PALLET	252	Bags	*SAMPLE
22	12/1/2014 - 11/30/2015	COOLING TOWER CORROSION/DEPOSIT INHIBITOR BLEND/POLYMER/SEQUESTRANT-15 GAL DRUM	4	Each	*SAMPLE
23	12/1/2015 - 11/30/2016	COOLING TOWER CORROSION/DEPOSIT INHIBITOR BLEND/POLYMER/SEQUESTRANT-15 GAL DRUM	4	Each	*SAMPLE
24	12/1/2016 - 11/30/2017	COOLING TOWER CORROSION/DEPOSIT INHIBITOR BLEND/POLYMER/SEQUESTRANT-15 GAL DRUM	4	Each	*SAMPLE
25	12/1/2014 - 11/30/2015	GLUTARALDEHYDE NON-OXIDIZING BIOCIDE - 15 GALLON DRUM	2	Each	*SAMPLE
26	12/1/2015 - 11/30/2016	GLUTARALDEHYDE NON-OXIDIZING BIOCIDE - 15 GALLON DRUM	2	Each	*SAMPLE
27	12/1/2016 - 11/30/2017	GLUTARALDEHYDE NON-OXIDIZING BIOCIDE - 15 GALLON DRUM	2	Each	*SAMPLE
28	12/1/2014 - 11/30/2015	QUATERNARY AMMONIUM NON-OXIDIZING BIOCIDE - 15 GALLON DRUM	2	Each	*SAMPLE
29	12/1/2015 - 11/30/2016	QUATERNARY AMMONIUM NON-OXIDIZING BIOCIDE - 15 GALLON DRUM	2	Each	*SAMPLE
30	12/1/2016 - 11/30/2017	QUATERNARY AMMONIUM NON-OXIDIZING BIOCIDE - 15 GALLON DRUM	2	Each	*SAMPLE
31	12/1/2014 - 11/30/2015	MOLYBDATED BASED CLOSED SYSTEM INHIBITOR - 5 GALLON PAIL	4	Each	*SAMPLE
32	12/1/2015 - 11/30/2016	MOLYBDATED BASED CLOSED SYSTEM INHIBITOR - 5 GALLON PAIL	4	Each	*SAMPLE
33	12/1/2016 - 11/30/2017	MOLYBDATED BASED CLOSED SYSTEM INHIBITOR- 5 GALLON PAIL	4	Each	*SAMPLE

^{**}Quantities are based on estimates only from previous year, please note that quantities may decrease or increase based upon the amount of raw water that needs to be treated due to fluctuations in unforeseen steam leaks, etc. on campus.

Contract Terms and Conditions

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Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

RIVIP INFO - BID SUBMISSION REQUIREMENTS

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer. When delivering offers in person to One Capitol Hill, vendors are advised to allow at least one hour additional time for clearance through security checkpoints.

MAILING ADDRESS FOR BID PROPOSALS ISSUED BY THE STATE OF RHODE ISLAND, DIVISION OF PURCHASES

All Bid Proposals must be submitted by mail or hand delivered to:

- State of Rhode Island
- Department of Administrtion
- Division of Purchases, Second floor
- One Capitol Hill
- Providence, RI 02908-5855

DIVESTITURE OF INVESTMENTS IN IRAN REQUIREMENT:

No vendor engaged in investment activities in Iran as described in R.I. Gen. Laws §37-2.5-2(b) may submit a bid proposal to, or renew a contract with, the Division of Purchases. Each vendor submitting a bid proposal or entering into a renewal of a contract is required to certify that the vendor does not appear on the list maintained by the General Treasurer pursuant to R.I. Gen. Laws §37-2.5-3.

INSURANCE REQUIREMENTS

AN INSURANCE CERTIFICATE IN COMPLIANCE WITH PROVISIONS OF ITEM 31 (INSURANCE) OF THE GENERAL CONDITIONS OF PURCHASE IS REQUIRED FOR COMPREHENSIVE GENERAL LIABILITY, AUTOMOBILE LIABILITY, AND WORKERS' COMPENSATION AND MUST BE SUBMITTED BY THE SUCCESSFUL BIDDER(S) TO THE DIVISION OF PURCHASES PRIOR TO AWARD. THE INSURANCE CERTIFICATE MUST NAME THE STATE OF RHODE ISLAND AS CERTIFICATE HOLDER AND AS AN ADDITIONAL INSURED. FAILURE TO COMPLY WITH THESE PROVISIONS MAY RESULT IN REJECTION OF THE OFFEROR'S BID. ANNUAL RENEWAL CERTIFICATES MUST BE SUBMITTED TO THE AGENCY IDENTIFIED ON THE PURCHASE ORDER. FAILURE TO DO SO MAY BE GROUNDS FOR CANCELLATION OF CONTRACT.

NOTE: IF THIS BID COVERS CONSTRUCTION, SCHOOL BUSING, HAZARDOUS WASTE, OR VESSEL OPERATION, APPLICABLE COVERAGES FROM THE FOLLOWING LIST MUST ALSO BE SUBMITTED TO THE DIVISION OF PURCHASES PRIOR TO AWARD: * PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS & OMISSIONS) - \$1 MILLION OR 5% OF ESTIMATED PROJECT COST, WHICHEVER IS GREATER. * BUILDER'S RISK INSURANCE - COVERAGE EQUAL TO FACE AMOUNT OF CONTRACT FOR CONSTRUCTION. * SCHOOL BUSING - AUTO LIABILITY COVERAGE IN THE AMOUNT OF \$5 MILLION. * ENVIRONMENTAL IMPAIRMENT (AKA POLLUTION CONTROL) - \$1 MILLION OR 5% OF FACE AMOUNT OF CONTRACT, WHICHEVER IS GREATER. * VESSEL OPERATION - (MARINE OR AIRCRAFT) - PROTECTION & INDEMNITY COVERAGE REQUIRED IN THE AMOUNT OF \$1 MILLION.

MULTI YEAR AWARD

THIS IS A MULTI-YEAR BID/CONTRACT. PER RHODE ISLAND STATE LAW 37-2-33, CONTRACT OBLIGATIONS BEYOND THE CURRENT FISCAL YEAR ARE SUBJECT TO AVAILABILITY OF FUNDS. CONTINUATION OF THE CONTRACT BEYOND THE INITIAL FISCAL YEAR WILL BE AT THE DISCRETION OF THE STATE. TERMINATION MAY BE EFFECTED BY THE STATE BASED UPON DETERMINING FACTORS SUCH AS UNSATISFACTORY PERFORMANCE OR THE DETERMINATION BY THE STATE TO DISCONTINUE THE GOODS/SERVICES, OR TO REVISE THE SCOPE AND NEED FOR THE TYPE OF GOODS/SERVICES; ALSO MANAGEMENT OWNER DETERMINATIONS THAT MAY PRECLUDE THE NEED FOR GOODS/SERVICES.

CHARGES PERMITTED

NO CHARGES OTHER THAN PARTS AND LABOR ON THE JOB - NO TRAVEL, NO MILEAGE, NO MISCELLANEOUS CHARGES, NO PORTAL TO PORTAL.

LICENSE REQUIREMENTS

VENDOR (OWNER OF COMPANY) IS RESPONSIBLE TO COMPLY WITH ALL LICENSING OR STATE PERMITS REQUIRED FOR THIS TYPE OF SERVICE. A COPY OF LICENSE/PERMIT SHOULD BE SUBMITTED WITH THIS BID. IN ADDITION TO THESE LICENSE REQUIREMENTS, BIDDER, BY SUBMISSION OF THIS BID, CERTIFIES THAT ANY/ALL WORK RELATED TO THIS BID, AND ANY SUBSEQUENT AWARD WHICH REQUIRES A RHODE ISLAND LICENSE(S), SHALL BE PERFORMED BY AN INDIVIDUAL(S) HOLDING A VALID RHODE ISLAND LICENSE.

VENDOR SPECIFICATIONS

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.

HAZARDOUS MATERIAL

HAZARDOUS MATERIAL SAFETY DATA SHEET IS TO BE SUBMITTED BY THE SUCCESSFUL BIDDER AFTER THEIR RECEIPT OF THE PURCHASE ORDER AND BEFORE OR WITH THE FIRST DELIVERY. THIS SHEET WILL BE KEPT ON FILE AS A REFERENCE FOR FUTURE DELIVERIES MADE UNDER THIS CONTRACT. THIS SHEET IS MANDATED BY RI STATE LAW CHAPTER 28-21 HAZARDOUS SUBSTANCE RIGHT-TO-KNOW ACT. FAILURE TO COMPLY WITH THIS REQUEST WILL RESULT IN LOSS OF CONTRACT.

DELIVERY PER AGENCY

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.

AWARD

THE STATE, AT ITS SOLE DISCRETION, SHALL RESERVE THE RIGHT TO MAKE ONE OR MULTIPLE AWARDS FOR THIS REQUIREMENT AND/OR TO REJECT ANY OR ALL BIDS.

PURCHASE AGREEMENT BID

BIDDING (a) A single price shall be quoted for each item against which a proposal is submitted. This price will be the maximum in effect during the agreement period. Any price decline at the manufacturer's level shall be reflected in a reduction of the agreement price to the State. (b) Quantities, if any, are estimated

only. The agreement shall cover the actual quantities ordering during the period. Deliveries will be billed at the single, firm, awarded unit price quoted regardless of the quantities ordered. (c) Bid price is net F.O.B. destination and shall include inside delivery at no extra cost. (d) Bids for single items and/or a small percentage of total items listed, may, at the State's sole option, be rejected as being non-responsive to the intent of this request. ORDERING (a) The User Agency(s) will submit individual orders for the various items and various quantities as may be required during the agreement period. (b) Exception - Regardless of any agreement resulting from this bid, the State reserves the right to solicit prices separately for any extra large requirements for delivery to specific destinations.